

Author Index

- Abdel-Halim, S.T. 83
Alvarez, M.R. 175
Aronson, A.S. 109
Aveyard, R. 89
- Bailey, A.I. 261, 273
Basilio, C.I. 1
Bergeron, V. 109
Binks, B.P. 89
Blanc, C. 187
Borwankar, R.P. 43
Bouabdillah, D. 187
Buscall, R. 33
- Cazabat, A.M. 193
Cazabat, M. 193
Chakarova, Sv.K. 43
Chen, T.Y. 273
Chiew, Y.C. 161
Clausse, D. 187
Cochet, N. 187
Cros, P. 25
- Dhathathreyan, A. 303
Dimitrova, B.I. 43
Dobiáš, B. 129
- Elaissari, A. 25
- Fagan, M.E. 109
Fang, J.P. 63
Fletcher, P.D.I. 89
Frayse, N. 193
- Garti, N. 143
Gestblom, B. 75
Gramain, P. 285
- Gurkov, T.D. 43
- Hartland, S. 245
Hebrant, M. 293
Heslot, F. 193
- Ivanov, I.B. 43
- Jiang, Q. 161
Joos, P. 63
- Kim, D.S. 1
Kosmulski, M. 237
Kozarac, Z. 99
Kumar, A. 245
- Laurent, V. 25
Levinson, P. 193
Luckham, P.F. 261, 273
Luquet, M.P. 187
Lyklema, J. 255
- Magdassi, S. 143
Malmensten, B. 219, 227
Mandrand, B. 25
Maste, M.C.L. 255
Möbius, D. 99, 303
Mohammed, R.A. 261, 273
- Norde, W. 255
- Orthgiess, E. 129
- Paz Andrade, M.I. 57
Persson, I. 199, 207, 219, 227
Petlicki, J. 9
Pichot, C. 25
- Prieto, G. 57
- Radke, C.J. 109
Ramasami, T. 303
Rutherford, C.E. 89
Rutland, M.W. 121
Rychlicka-Rybska, J. 151
- Saeten, J.O. 75
Sarmiento, F. 57
Schaad, P. 285
Sela, Y. 143
Sjöblom, J. 75
Skodvin, T. 75
Somasundaran, P. 183
- Taylor, S.E. 261, 273
Thomann, J.M. 285
Tondre, C. 293
Torralvo, M.J. 175
- Valentini, J.E. 161
Valignat, M.P. 193
Valli, M. 199, 207, 219, 227
van de Ven, T.G.M. 9
van Velthoven, A.P.C.M. 255
Velev, O.D. 43
Voegel, J.C. 285
- Wärnheim, T. 75
Waters, J.A. 167
Woods, R. 1
- Yoon, R.-H. 1
Yu, X. 183

Subject Index

- Absorption spectroscopy, 83
Acetic acid, 151
Adsorption, 121, 129
Adsorption kinetics, 9
Air–aqueous solution interface, 151
Air–water interface, 99
Air/solution interface, 161
n-Alkyl sulphates, 57
Alkylxanthates, 199, 207, 219
Aluminium oxide, 237
Anionic polymers, 285
Arsenic-containing minerals, 219
Average orientation, 99
- Bubbles, 245
- Capillary waves, 161
Cationic micelles, 293
Cellulose–polyelectrolyte interactions, 9
Chelating agents, 129
Chemical demulsification, 261
Chemisorption, 1
Collectors, 129
Complexation, 293
Complexing agents, 129
Composite latex particles, 167
Contact angles, 89
Counterion effect, 293
Covellite, 199
Crude oil, 273
Crude oil emulsion, 261
Crystalline zirconias, 175
- Dewatering, 261
O,O-Diethyl dithiophosphates, 227
Disjoining pressures, 109
Dispersion rheology, 33
Dissolution, 129
Dissolution inhibition, 285
Double emulsions, 143
Drag force, 245
Drops, 245
Dynamic surface tension, 63
- Electric double layer, 237
Electric field effects, 161, 273
Electrical conductivity, 57
- Electrostatic interactions, 25
Ellipsometry, 193
Emission spectroscopy, 83
Emulsifier blends, 43
Emulsion, 273
Emulsion resolution, 261
Emulsion stability, 43
Ester hydrolysis, 63
Ethyl palmitate, 63
Ethyl xanthate, 1
- Fermentation, 187
Flotation, 129
Flow fields, 245
Flow resistance, 109
Frumkin isotherm, 1
- Glass bead packs, 109
Gravitational acceleration, 245
- Hexane–water interface, 63
Hydroxyapatite, 285
- Ice nucleation, 187
Interface, 303
Ionic surfactants, 129
Interfacial energy, 167
- Kinetics, 285, 293
- Lamella stability, 109
Langmuir–Blodgett layers, 303
Latex/viscosity, 33
Lipid monolayers, 99
Liquid crystalline compound, 303
Liquid margarines, 75
Lumen loading, 9
- Malachite, 199
Medium, 187
Mesoporous crystalline zirconias, 175
Metal ions, 293
Methyl alcohol, 151
Micellar behaviour, 57
Micelles, 83
Microdroplets, 193
Microgel/viscosity, 33

- Mixed adsorbed monolayer, 151
Mixed surfactants, 43
Model emulsions, 75
Modelling, 193
Modifiers, 129
Molybdato-phosphoric acid, 255
Monodisperse spheres, 89
Monolayer techniques, 99
Multiple emulsions, 143
- Nitrogen adsorption, 175
Nitrophenols, 99
Non-ionic surfactants, 43, 121
- Oligonucleotide adsorption, 25
- Photoisomerization, 83
pH variation, 25
Plasma modification, 121
Point of zero charge, 237
Polyelectrolyte adsorption, 9
Polymeric emulsifiers, 143
Polystyrene latex, 25
Poly(ethylene oxide), 255
Pseudomonas, 187
- Reflection spectroscopy, 99
Resolution, 273
- Salt solutions, 161
Salt-type minerals, 129
- Saponification, 63
Silicon oxide, 237
Silicone surfactants, 143
Silver-gold alloys, 1
Stability ratio, 255
Steric stabilization, 255
Stilbazolium betaine, 83
Sulphide minerals, 199, 207, 219, 227
Surface forces, 121
Surface morphology, 167
Surface potential, 151
Surface tension, 151, 161
Surface-induced layering, 193
Surfactant solutions, 89, 161
Surfactants, 109
- Textural characterization, 175
Thermal ageing, 175
Thin liquid films, 43
Time domain dielectric spectroscopy, 75
- Ultrathin films, 193
- Vibration spectroscopy, 199, 207, 219, 227
Voltammetry, 1
- X-ray photoelectron spectroscopy, 199, 207
- Yttria-doped zirconia powders, 175
- Zeta potential, 129